

FIG. 1

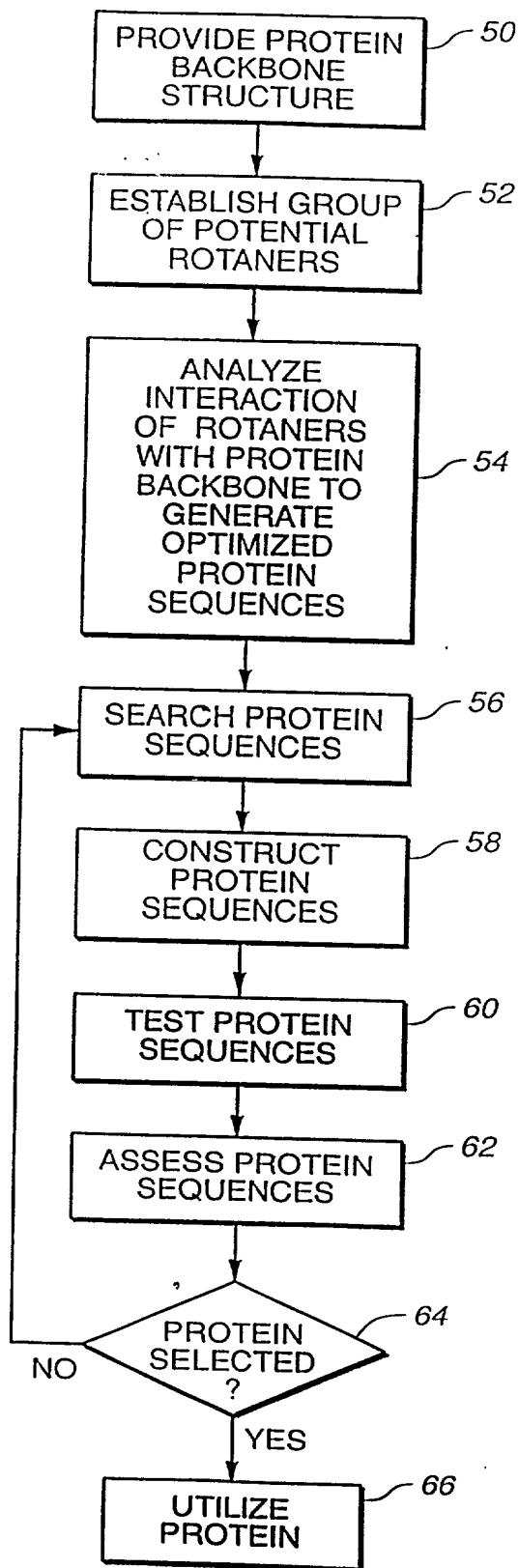


FIG. 2

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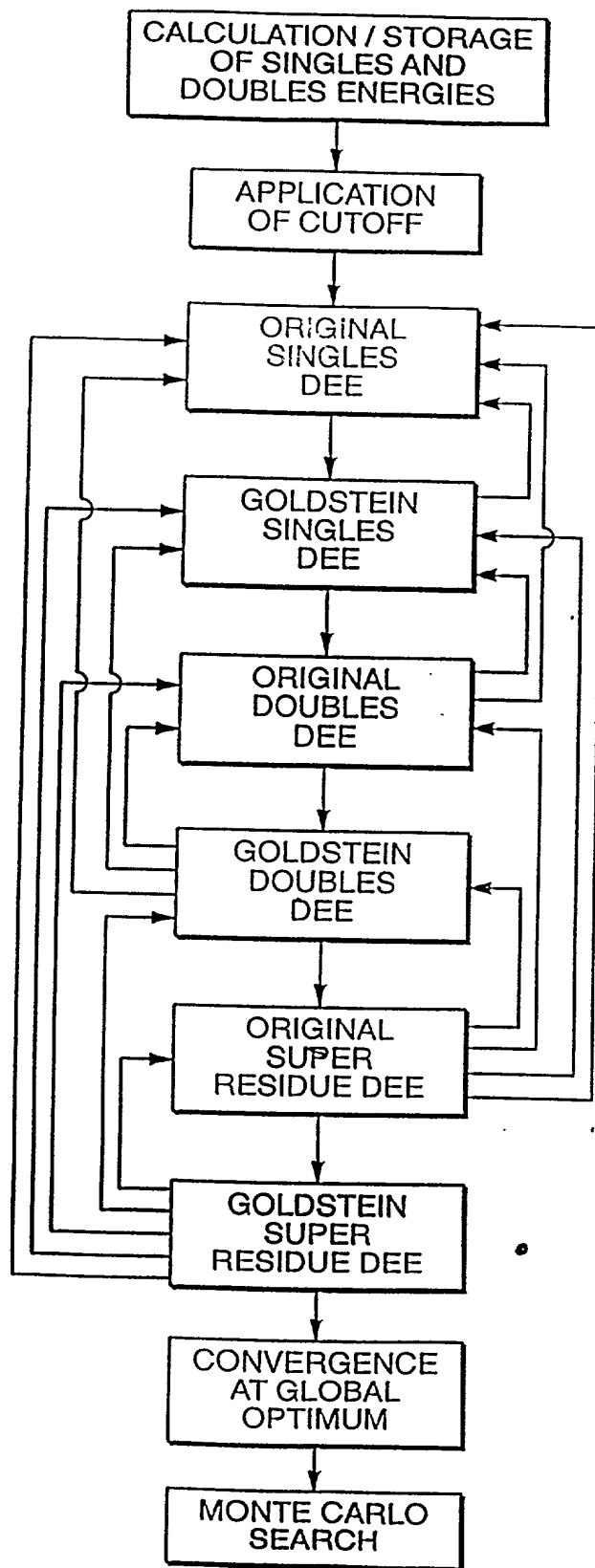


FIG. 3A

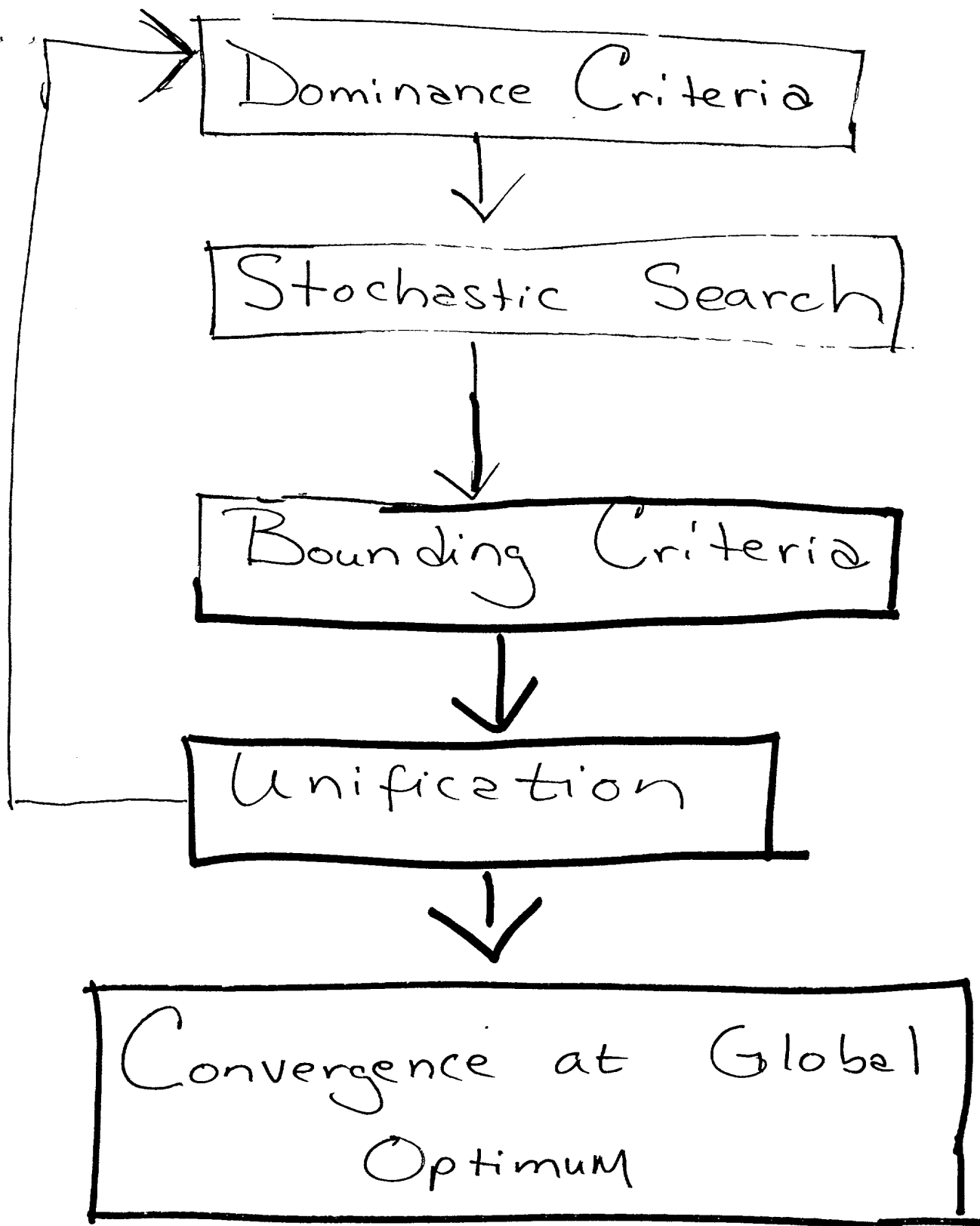


Fig. 3B

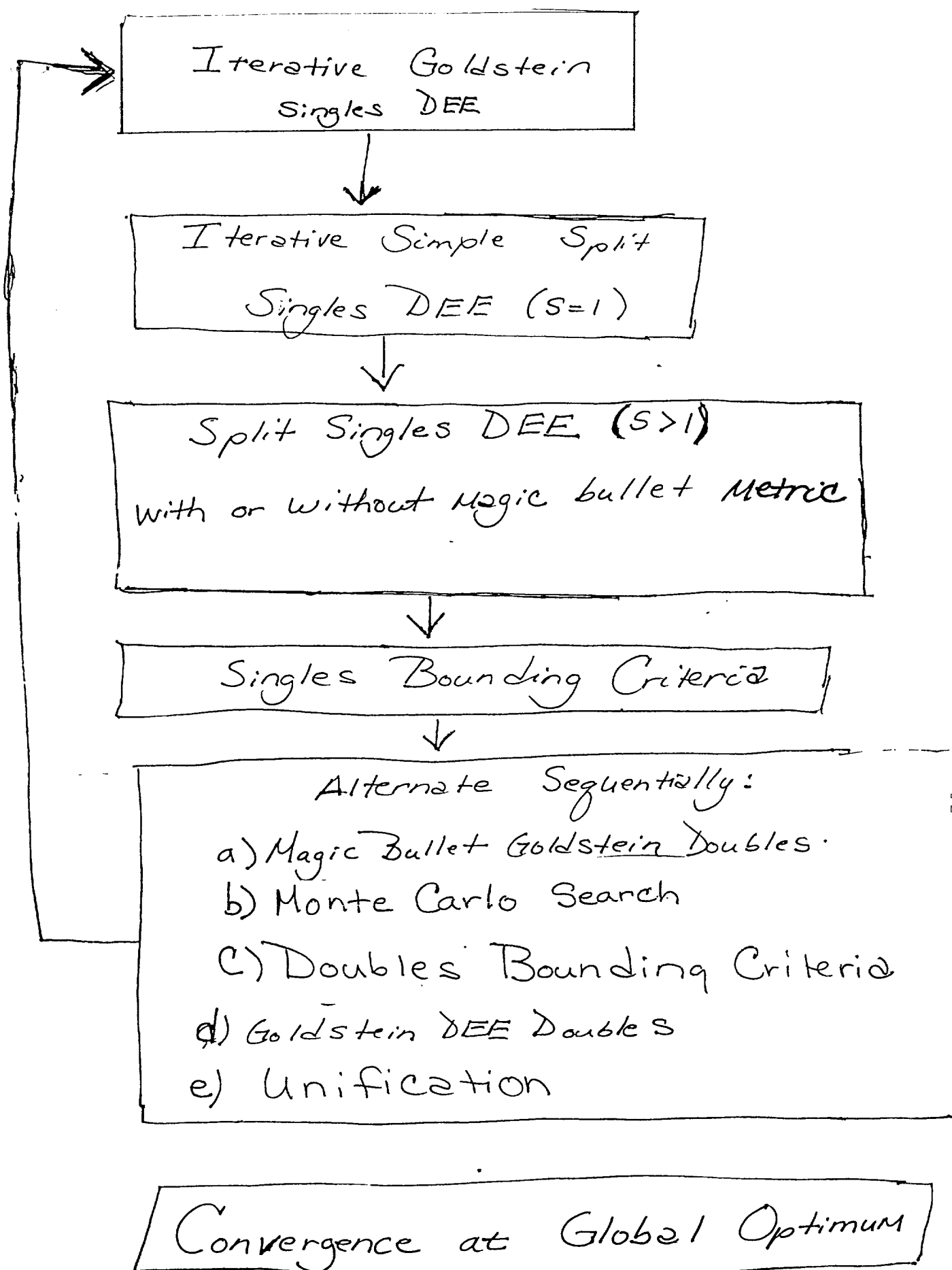


FIG. 3C

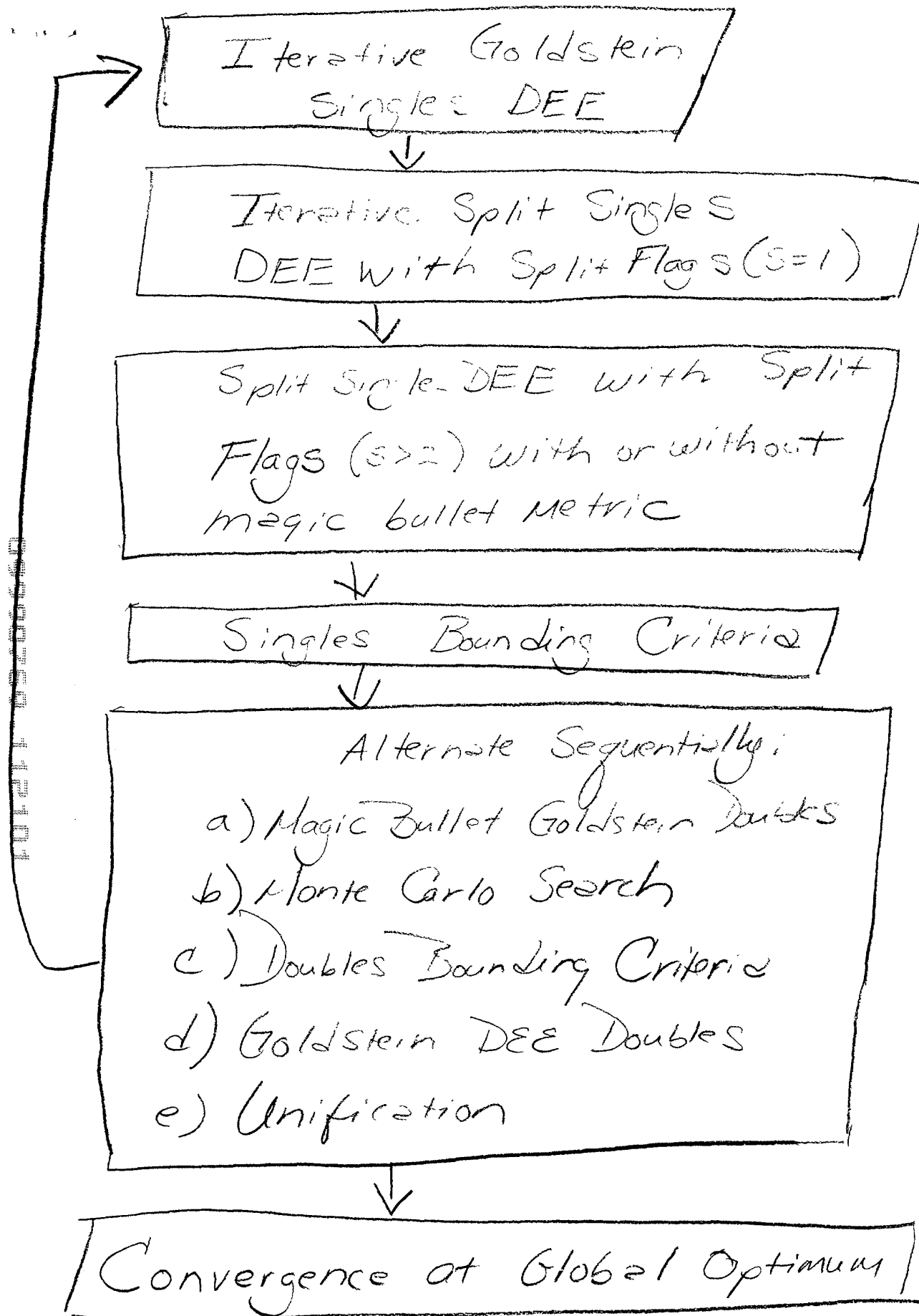


Fig. 3D

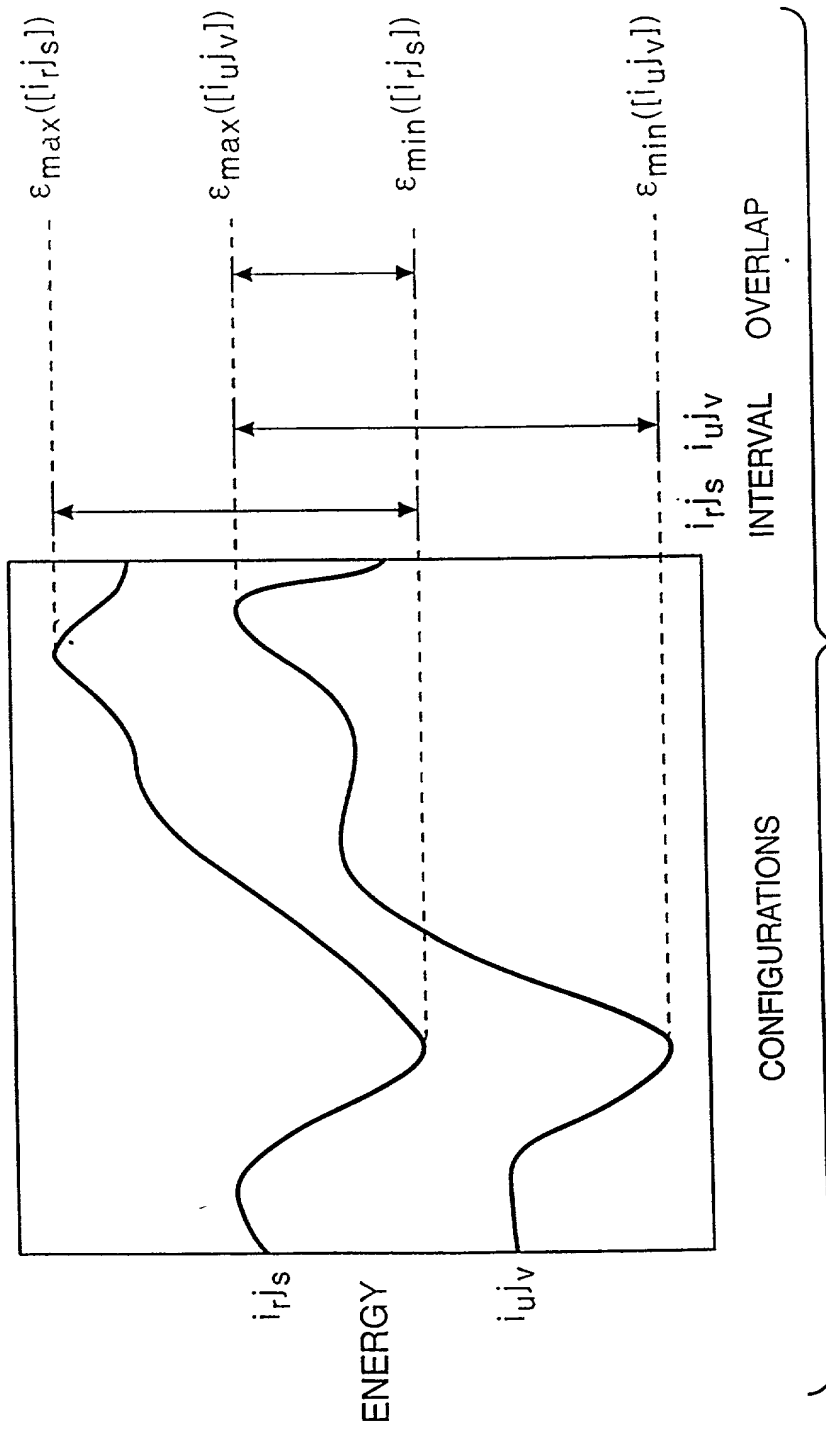
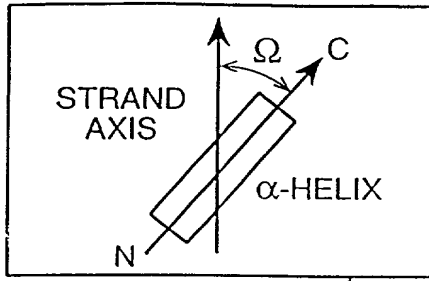
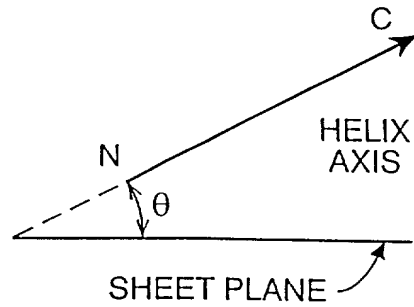


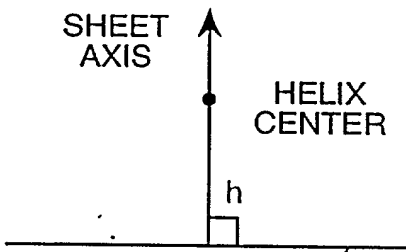
FIG. 4



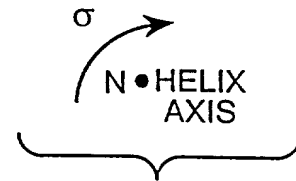
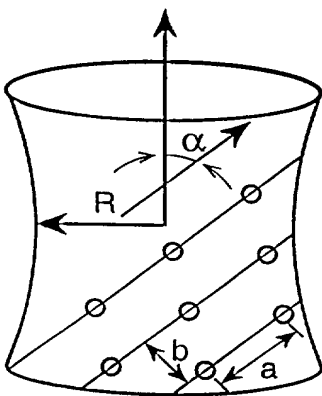
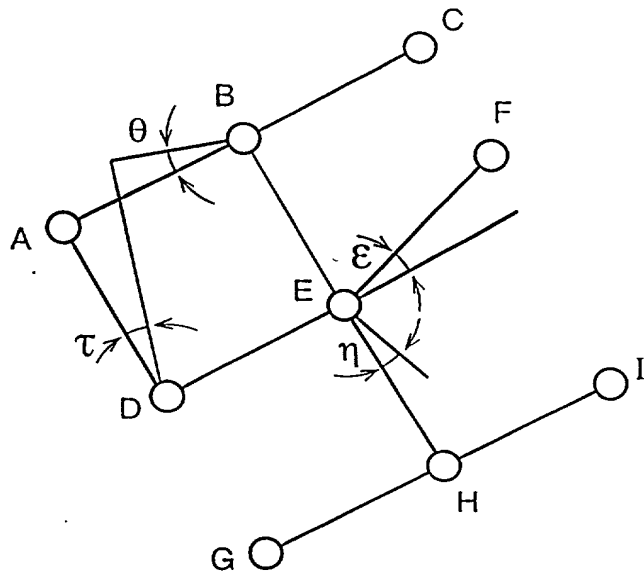
SHEET PLANE

FIG. 5A

SHEET PLANE

FIG. 5B

SHEET PLANE

FIG. 5C**FIG. 5D****FIG. 6A****FIG. 6B**

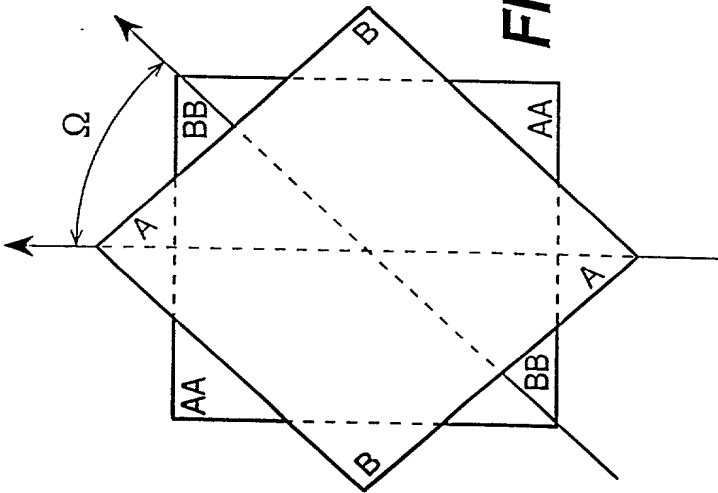


FIG. 6C

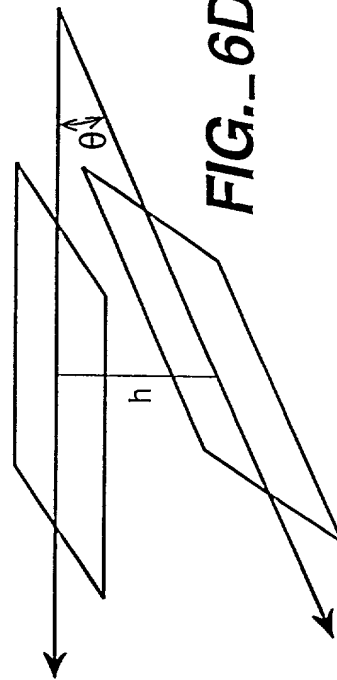


FIG. 6D

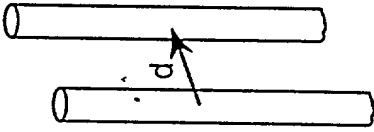


FIG. 7A

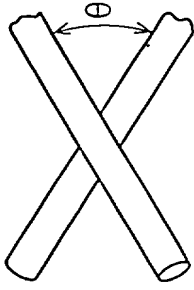


FIG. 7B



FIG. 7C

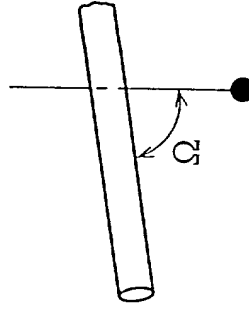


FIG. 7D

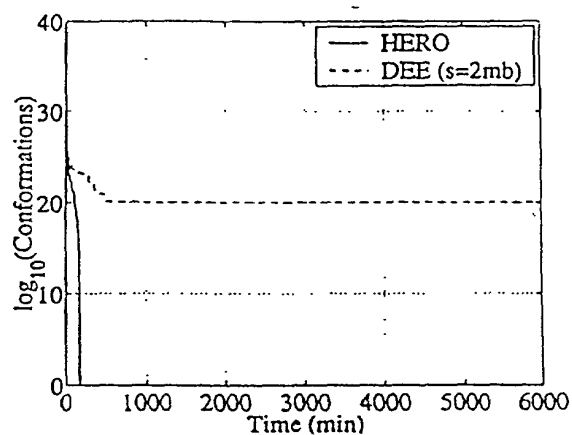


Figure 8

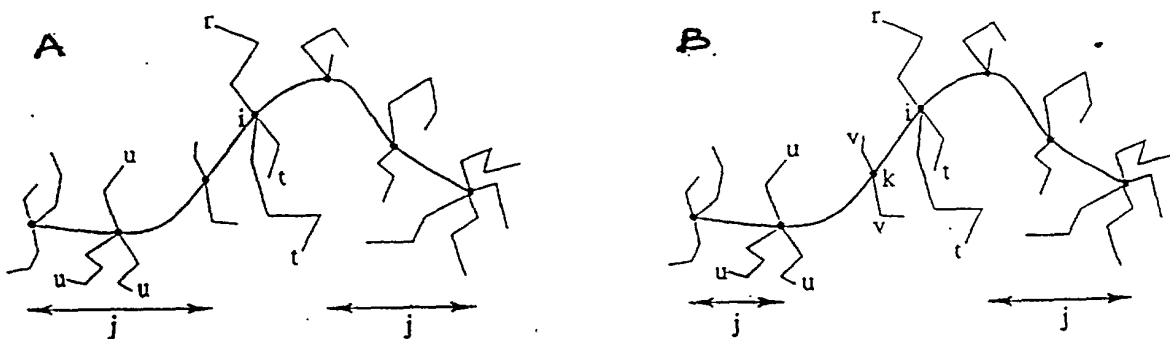


Figure 9

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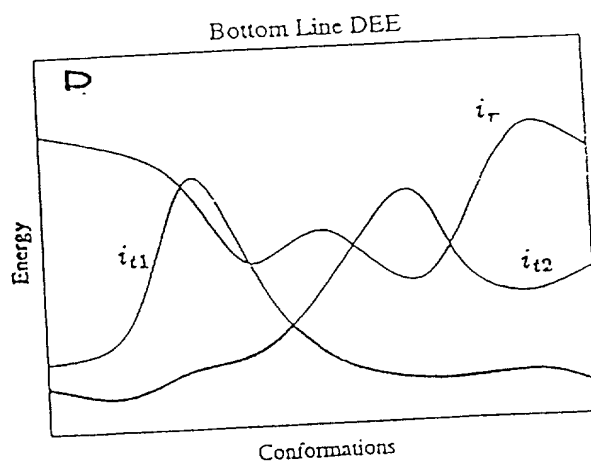
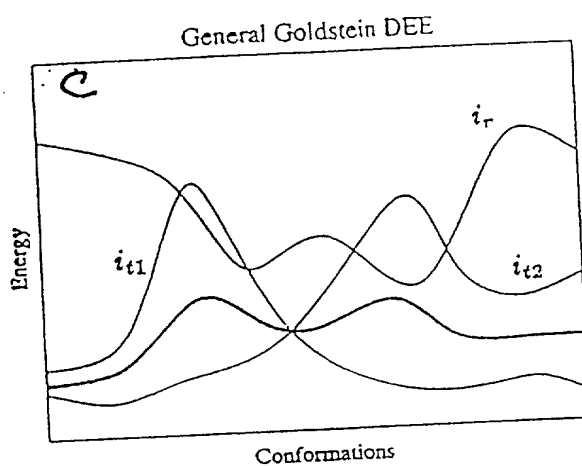
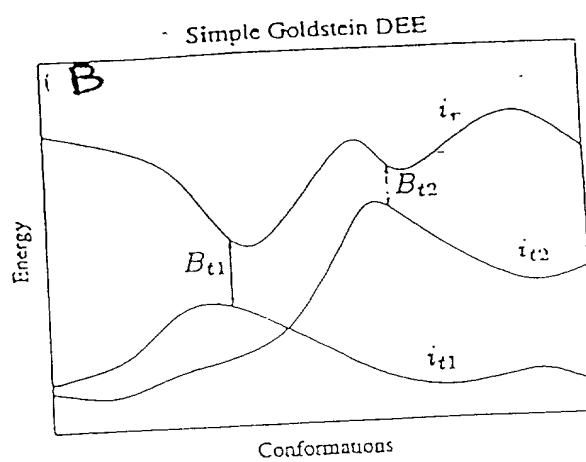
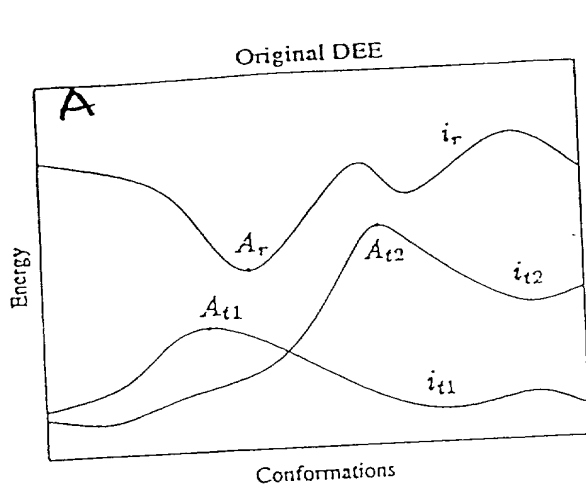


Figure
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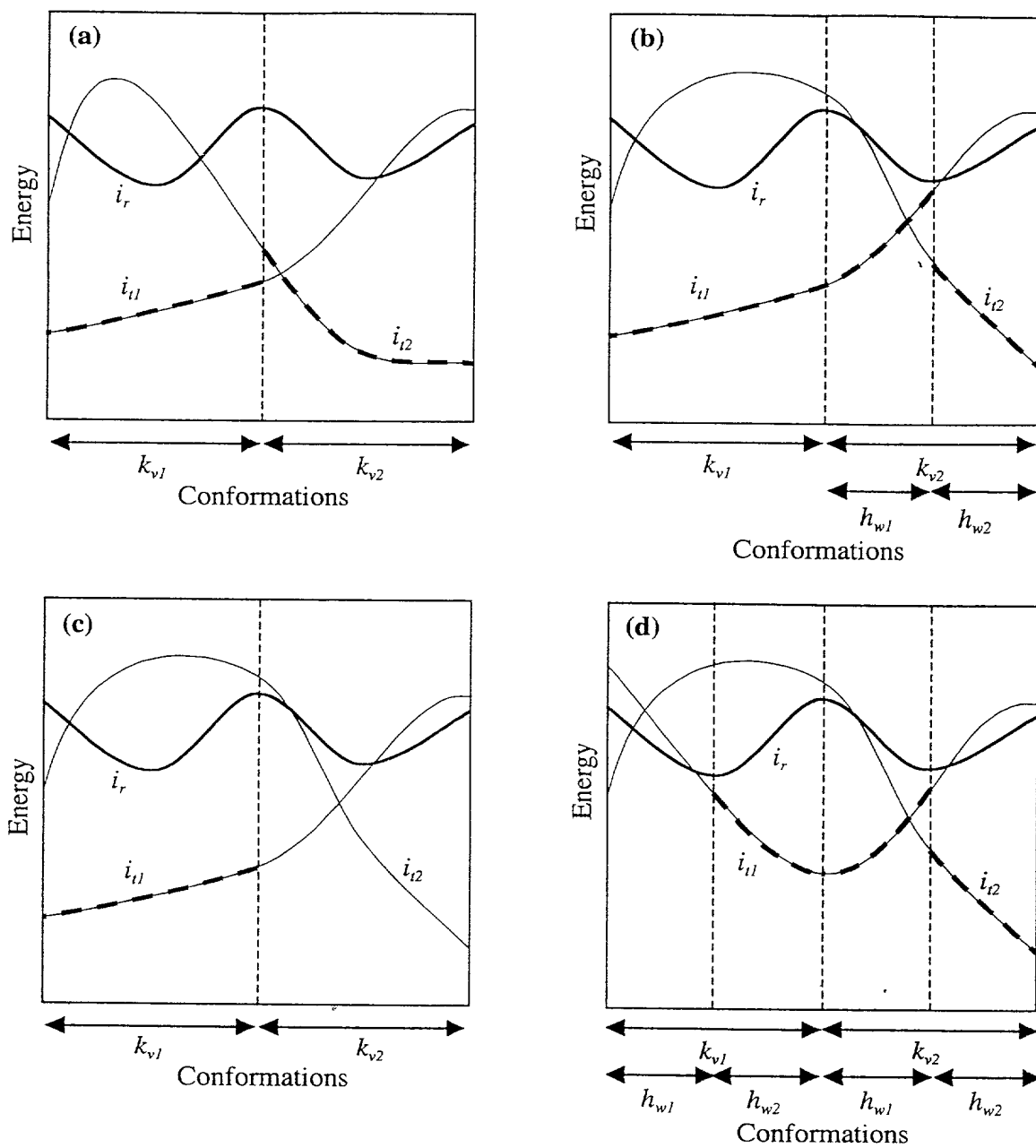


Figure 11

FIGURE 12

Method	Iteration Complexity	Flag Attempts per Rotamer Pair
Full Goldstein Doubles	$O(n^5 p^3)$	$O(n^2)$
Magic Bullet Goldstein Doubles	$O(n^3 p^3)$	1
Split Flags (s=1)	$O(n^3 p^2)$	$O(n)$
Split Flags (s=2)	$O(n^4 p^3)$	$O(n)$

TOTAL 6320660

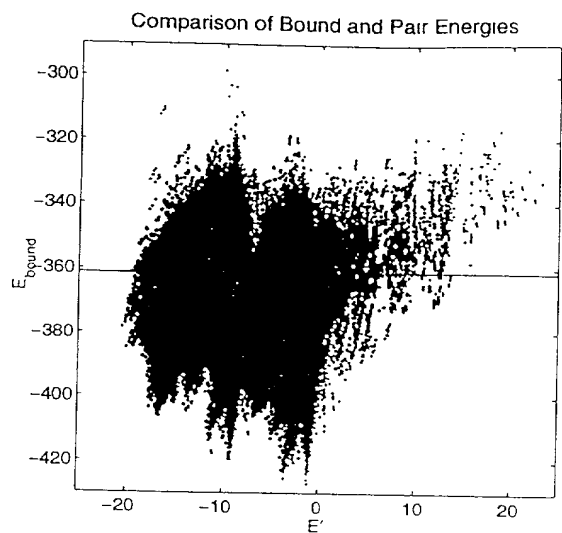


Figure 13

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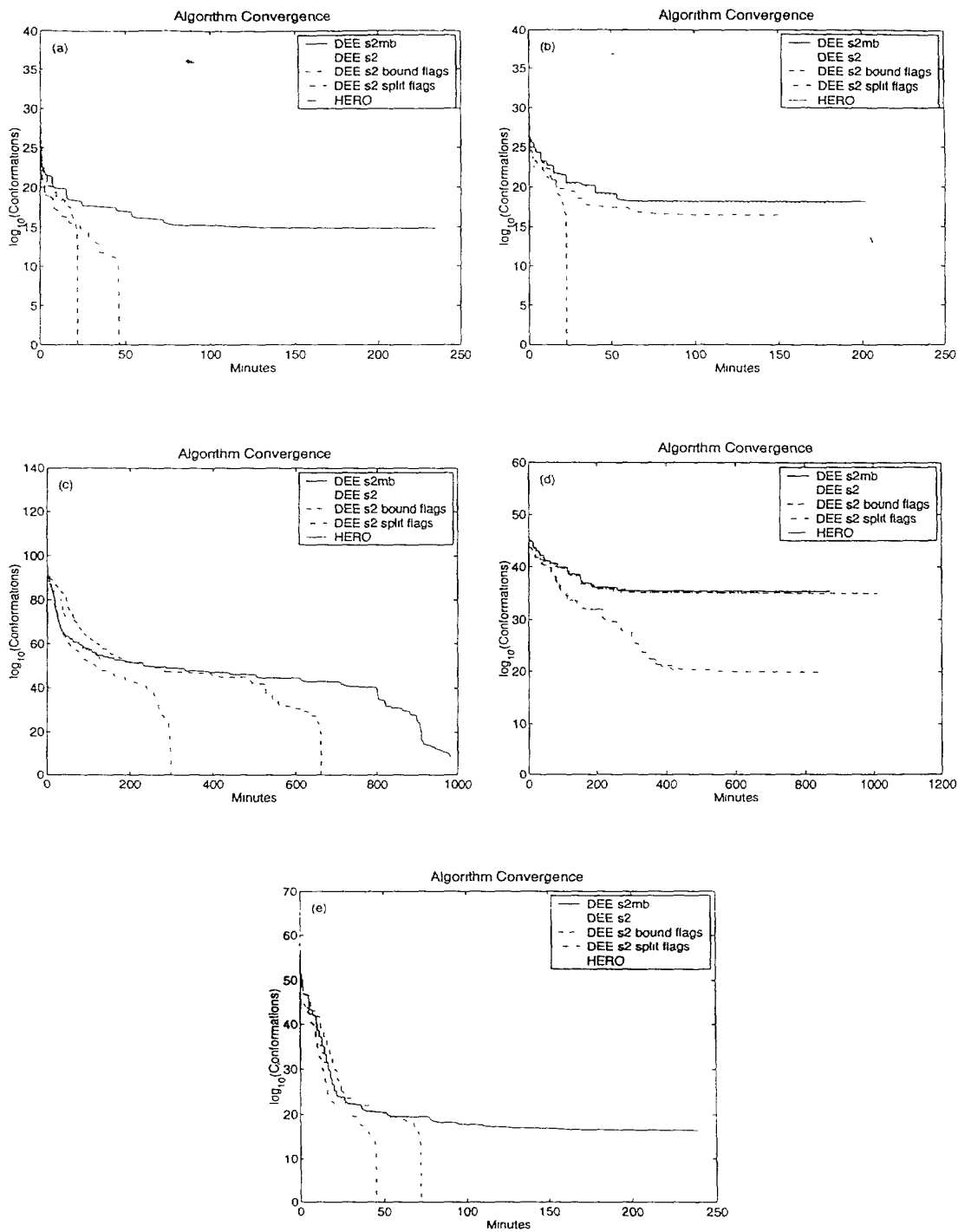


Figure 14

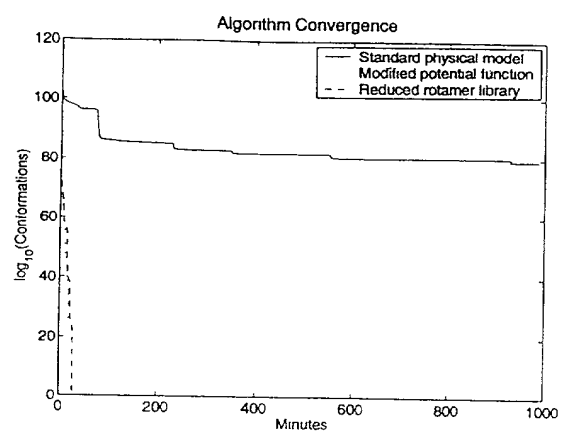


Figure
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